

We claim:

1. An accessory configuration for a printing unit of a printing machine, comprising:

an accessory;

a connection mechanism having a pivot axis;

a linear guide connected to said accessory and disposed perpendicular to said pivot axis; and

said connection mechanism:

moveably fastening said accessory to a printing unit of a printing machine;

pivoting said accessory away from the printing unit about said pivot axis and displacing said accessory along said linear guide; and

throwing said accessory onto the printing unit into a working position and removing said accessory from a region of the printing unit into at least one maintenance position.

2. The accessory according to claim 1, wherein:

the printing unit has parts; and

the accessory projects at least partially into one of the
5 printing unit and the parts of the printing unit.

3. The accessory according to claim 1, wherein:

the printing unit has a width; and

10 said accessory is an exposure unit having:

a guide executed along the width of the printing unit;
and

15 an exposure head displaceable along said guide.

4. The accessory according to claim 1, including a means for
exactly centering said accessory in the working position.

20 5. The accessory according to claim 4, including a means for
locking said accessory in a centered position with a holding
force.

25 6. The accessory according to claim 4, wherein said centering
means has a prism and at least one bolt engaging said prism.

7. The accessory according to claim 4, wherein said centering means has at least one stop.

5 8. The accessory according to claims 5, wherein:

said centering means has at least one contact face; and

said locking means is at least one pneumatic element pressing

10 said accessory against said at least one contact face.

9. The accessory according to claim 1, including a centering device for exactly centering said accessory in the working position.

15 10. The accessory according to claim 9, including a lock detaining said accessory in a centered position with a holding force.

20 11. The accessory according to claim 9, wherein said centering device has a prism and at least one bolt engaging said prism.

12. The accessory according to claim 9, wherein said

25 centering device has at least one stop.

13. The accessory according to claims 10, wherein:

said centering device has at least one contact face; and

5 said locking means is at least one pneumatic element pressing
said accessory against said at least one contact face.

14. The accessory according to claim 1, including a spring
connected to said connection mechanism for assisting the
10 pivoting movement.

15. An accessory configuration for a printing unit of a
printing machine, the printing unit having a rotation axis,
the accessory configuration comprising:

15 an accessory;

a connection mechanism having a first pivot axis and a second
pivot axis;

20 said first pivot axis and said second pivot axis disposed
substantially parallel to a rotation axis of a printing unit
of a printing machine; and

25 said connection mechanism:

moveably fastening said accessory to the printing unit;

pivoting said accessory away from the printing unit about

said first pivot axis then allowing further pivoting of

said accessory about said second pivot axis; and

throwing said accessory onto the printing unit into a

working position and removing said accessory from a

region of the printing unit into at least one maintenance

position.

16. The accessory according to claim 15, wherein:

the printing unit has parts; and

the accessory projects at least partially into one of the
printing unit and the parts of the printing unit.

17. The accessory according to claim 15, wherein:

the printing unit has a width; and

said accessory is an exposure unit having:

a guide executed along the width of the printing unit;

and

an exposure head displaceable along said guide.

18. The accessory according to claim 15, including a means
5 for exactly centering said accessory in the working position.

19. The accessory according to claim 18, including a means
for locking said accessory in a centered position with a
holding force.

20. The accessory according to claim 18, wherein said
centering means has a prism and at least one bolt engaging
said prism.

21. The accessory according to claim 18, wherein said
centering means has at least one stop.

22. The accessory according to claims 19, wherein:

said centering means has at least one contact face; and

said locking means is at least one pneumatic element pressing
said accessory against said at least one contact face.

23. The accessory according to claim 15, including a centering device for exactly centering said accessory in the working position.

5 24. The accessory according to claim 23, including a lock detaining said accessory in a centered position with a holding force.

10 25. The accessory according to claim 23, wherein said centering device has a prism and at least one bolt engaging said prism.

15 26. The accessory according to claim 23, wherein said centering device has at least one stop.

27. The accessory according to claims 24, wherein:

said centering device has at least one contact face; and

20 said locking means is at least one pneumatic element pressing said accessory against said at least one contact face.

28. The accessory according to claim 15, including a spring connected to said connection mechanism for assisting the

25 pivoting movement.

29. An accessory configuration for a printing unit of a printing machine, the printing unit having a rotation axis, the accessory configuration comprising:

5 an accessory;

 a connection mechanism having a pivot axis;

10 said pivot axis disposed substantially perpendicular to a rotation axis of a printing unit of a printing machine; and

said connection mechanism:

15 moveably fastening said accessory to the printing unit;

pivoting said accessory about said pivot axis; and

20 throwing said accessory onto the printing unit into a working position and removing said accessory from a region of the printing unit into at least one maintenance position.

30. The accessory according to claim 29, wherein:

25 the printing unit has parts; and

the accessory projects at least partially into one of the printing unit and the parts of the printing unit.

5 31. The accessory according to claim 29, wherein:

the printing unit has a width; and

said accessory is an exposure unit having:

10 a guide executed along the width of the printing unit;

and

15 an exposure head displaceable along said guide.

32. The accessory according to claim 29, including a means for exactly centering said accessory in the working position.

33. The accessory according to claim 32, including a means
20 for locking said accessory in a centered position with a holding force.

34. The accessory according to claim 32, wherein said
centering means has a prism and at least one bolt engaging
25 said prism.

35. The accessory according to claim 32, wherein said centering means has at least one stop.

36. The accessory according to claims 33, wherein:

said centering means has at least one contact face; and

said locking means is at least one pneumatic element pressing said accessory against said at least one contact face.

37. The accessory according to claim 29, including a centering device for exactly centering said accessory in the working position.

38. The accessory according to claim 37, including a lock detaining said accessory in a centered position with a holding force.

39. The accessory according to claim 37, wherein said centering device has a prism and at least one bolt engaging said prism.

40. The accessory according to claim 37, wherein said centering device has at least one stop.

41. The accessory according to claims 38, wherein:

said centering device has at least one contact face; and

said locking means is at least one pneumatic element pressing

5 said accessory against said at least one contact face.

42. The accessory according to claim 29, including a spring
connected to said connection mechanism for assisting the
pivoting movement.

43. An accessory configuration for a printing unit of a
printing machine, comprising:

an accessory;

a connection mechanism having a single pivot axis disposed
below said accessory; and

said connection mechanism:

moveably fastening said accessory to a printing unit of a
printing machine;

pivoting said accessory about said single pivot axis; and

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 throwing said accessory onto the printing unit into a
 working position and removing said accessory from a
 region of the printing unit into at least one maintenance
 position.~~

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44 The accessory according to claim 43, wherein:

the printing unit has parts; and

10 the accessory projects at least partially into one of the
printing unit and the parts of the printing unit.

45. The accessory according to claim 43, wherein:

15 the printing unit has a width; and

said accessory is an exposure unit having:

a guide executed along the width of the printing unit;

20 and

an exposure head displaceable along said guide.

46. The accessory according to claim 43, including a means

25 for exactly centering said accessory in the working position.

47. The accessory according to claim 46, including a means for locking said accessory in a centered position with a holding force.

5 48. The accessory according to claim 46, wherein said centering means has a prism and at least one bolt engaging said prism.

10 49. The accessory according to claim 46, wherein said centering means has at least one stop.

15 50. The accessory according to claims 47, wherein:

said centering means has at least one contact face; and

said locking means is at least one pneumatic element pressing said accessory against said at least one contact face.

20 51. The accessory according to claim 43, including a centering device for exactly centering said accessory in the working position.

25 52. The accessory according to claim 51, including a lock detaining said accessory in a centered position with a holding force.

53. The accessory according to claim 51, wherein said centering device has a prism and at least one bolt engaging said prism.

5 54. The accessory according to claim 51, wherein said centering device has at least one stop.

55. The accessory according to claims 52, wherein:

10 said centering device has at least one contact face; and

said locking means is at least one pneumatic element pressing said accessory against said at least one contact face.

15 56. The accessory according to claim 43, including a spring connected to said connection mechanism for assisting the pivoting movement.

57. An accessory configuration for a printing unit of a
20 printing machine having a side opposite a printing machine operator and a side wall disposed at the side opposite a printing machine operator, the side wall having a recess, the accessory configuration comprising:

25 an accessory; and

a connection mechanism:

moveably fastening said accessory to a printing unit of a printing machine;

throwing said accessory onto the printing unit into a working position and removing said accessory from a region of the printing unit into at least one maintenance position; and

connecting said accessory to the printing unit such that said accessory at least partially projects into a recess of a side wall of the printing machine in a maintenance position.

58. The accessory according to claim 57, wherein:

said connection mechanism is a pivoting mechanism; and

said pivoting mechanism pivotably fastens said accessory to the printing machine.

59. The accessory according to claim 57, wherein:

the printing unit has parts; and

the accessory projects at least partially into one of the printing unit and the parts of the printing unit.

60. The accessory according to claim 57, wherein:

the printing unit has a width; and

said accessory is an exposure unit having:

a guide executed along the width of the printing unit;

and

an exposure head displaceable along said guide.

61. The accessory according to claim 57, including a means for exactly centering said accessory in the working position.

62. The accessory according to claim 61, including a means for locking said accessory in a centered position with a holding force.

63. The accessory according to claim 61, wherein said centering means has a prism and at least one bolt engaging said prism.

64. The accessory according to claim 61, wherein said centering means has at least one stop.

65. The accessory according to claims 62, wherein:

said centering means has at least one contact face; and

said locking means is at least one pneumatic element pressing said accessory against said at least one contact face.

66. The accessory according to claim 57, including a centering device for exactly centering said accessory in the working position.

67. The accessory according to claim 66, including a lock detaining said accessory in a centered position with a holding force.

68. The accessory according to claim 66, wherein said centering device has a prism and at least one bolt engaging said prism.

69. The accessory according to claim 66, wherein said centering device has at least one stop.

70. The accessory according to claims 67, wherein:

said locking means is at least one pneumatic element pressing

5 said accessory against said at least one contact face.

71. The accessory according to claim 57, including a spring connected to said connection mechanism for assisting the pivoting movement.

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